

## WORKSHEET FOR SIEVE ANALYSIS OF FINE AND COARSE AGGREGATE AASHTO T 11 AND AASHTO T 27

Project					Source				
Where sampled					Quantity represented				
Sample of					Lot No.	Lot No. Sample No.			
Sampled by		Date			Tested by		Date		
SIEVE SIZE		M	IASS RETAI	NED		COMBINED		TV or Range	
		+ No. 4 (4.75 mm)		- No. 4 (4.75 mm) Calculated	Mass Retained	Mass Passing	% Passing		
1-inch (25.0	) mm)								
3/4-inch (19.0 mm)									
1/2-inch (12.5 mm)									
3/8-inch (9.5 mm)									
No. 4 (4.75 mm)									
No. 8 (2.36 mm)									
No. 10 (2.00 mm)									
No. 16 (1.18 mm)									
No. 30 (600 μm)									
No. 40 (425 μm)									
No. 50 (300 μm)									
No. 80 (180 μm)									
No. 100 (150 μm)									
No. 200 (75 μm)									
Pan								Difference = 0.3% is Allowed</td	
Wash								₹= 0.5% IS Allowed	
Total					<u></u>				
	+ No.	4 (4.75 mm) Moi	sture - No	o. 4 (4.75 mm) Moist	ture				
Pan No.				Tota	al wet mass, + No. 4 (	wet mass, + No. 4 (4.75 mm)			
Orig. mass	Orig. mass				Total		dry (corrected), + No. 4 (4.75 mm)		
Final mass				Tota	al wet mass - No. 4, (4	vet mass - No. 4, (4.75 mm)			
Loss	Loss			Total dry (corrected), - No. 4 (4.75 mm)					
% Loss				Tota	Total dry sample mass				
	+ No	4 (4.75 mm) Wasl	No 4 (	(4.75 mm) Wash					
Orig. mass	110.	(1.70 1111)	1,0.1	(1.70 mm) ((4.6)		4 (4.75mm) Wash T			
Dry mass					T	$\frac{\text{Total Dry Wt.} - 4.75 \text{mm}}{} = \frac{}{} =$			
Final mass					Dr	y Wt 4.75 mm \	Wash		
Loss									
0/2 I occ									